Card Documentation

The AAVA Play card system provides a flexible and modular approach to creating content containers. It consists of a main card container (aava-default-card) and dedicated subcomponents for header (aava-card-header), content (aava-card-content), footer (aava-card-footer), and actions (aava-card-actions). This modular design allows for consistent, well-structured content layouts across your application.

How to use

Basic Usage

A simple card with basic content structure.

```
<aava-default-card>
  <aava-card-header>
    <div class="header-with-badge">
      <h4>Article Title</h4>
      <aava-tag [pill]="true" label="New" color="primary"></aava-tag>
    </div>
  </aava-card-header>
  <aava-card-content>
    <p>
      A complete card example with header, content, and footer sections. Perfect
      for articles, blog posts, or detailed information displays.
    </p>
  </aava-card-content>
  <aava-card-footer>
    <div class="footer-info">
      <div class="meta-info">
        <aava-icon
          iconName="calendar-days"
          [iconSize]="16"
          iconColor="#6c757d"
        ></aava-icon>
        <span>Dec 15, 2024</span>
      </div>
      <div class="meta-info">
        <aava-icon
          iconName="user"
          [iconSize]="16"
          iconColor="#6c757d"
        ></aava-icon>
        <span>John Doe</span>
      </div>
    </div>
  </aava-card-footer>
</aava-default-card>
```

With Header

Card with a header section for titles, navigation, or metadata.

```
<aava-default-card>
  <aava-card-header>
    <div class="header-with-icon">
      <aava-icon
        iconName="shield-check"
        [iconSize]="24"
        iconColor="#28a745"
      ></aava-icon>
      <h4>Security Settings</h4>
    </div>
  </aava-card-header>
  <aava-card-content>
    <p>
      Icons in headers help convey meaning quickly and add visual interest. This
      card shows security-related settings.
    </p>
    <ul class="settings-list">
      <li>Two-factor authentication enabled</li>
      <li>Password strength: Strong</li>
      <li>Last login: 2 hours ago</li>
    </ul>
  </aava-card-content>
</aava-default-card>
```

With Actions

Card with action buttons using the dedicated actions component.

```
<aava-default-card>
  <aava-card-header>
    <h4>Account Settings</h4>
  </aava-card-header>
  <aava-card-content>
    <p>
      Manage your account preferences, security settings, and personal
      information.
    </p>
    <ul class="settings-list">
      <li>Profile Information</li>
      <li>Security & Privacy</li>
      <li>Notification Preferences</li>
    </ul>
  </aava-card-content>
  <aava-card-footer>
    <div class="primary-actions">
      <aava-button
        label="Save Changes"
        variant="primary"
        size="sm"
        (click)="onPrimaryAction('Save Changes')"
      >
      </aava-button>
    </div>
  </aava-card-footer>
</aava-default-card>


---

 onPrimaryAction(action: string) {
    console.log(`Primary action: ${action}`);
  }
```

Example Cards

```
<div class="grid-container">
  <div class="test-group">
    <aava-image-card
      [data]="verticalWithActions"
      (buttonClicked)="onButtonClick($event)"
      (cardClick)="onCardClick()"
    ></aava-image-card>
  </div>
  <div class="test-group">
    <aava-image-card
      [data]="verticalWithoutActions1"
      (cardClick)="onCardClick()"
    ></aava-image-card>
  </div>
  <div class="test-group">
    <aava-image-card
      [data]="verticalWithoutActions3"
      (cardClick)="onCardClick()"
    ></aava-image-card>
  </div>
  <div class="test-group stack">
    <aava-image-card
      [data]="horizontalWithoutActions4"
      (cardClick)="onCardClick()"
    ></aava-image-card>
    <aava-image-card
      [data]="horizontalWithoutActions2"
      (cardClick)="onCardClick()"
    ></aava-image-card>
  </div>
</div>

<!-- Horizontal Cards Row -->
<div class="grid-container horizontal-row">
  <div class="test-group">
    <aava-image-card
      [data]="horizontalWithActions"
      (buttonClicked)="onButtonClick($event)"
      (cardClick)="onCardClick()"
    ></aava-image-card>
  </div>
  <div class="test-group"></div>
</div>


---



  onButtonClick(event: { action: string | undefined, button: any }) {
    alert(`Button clicked! Text: "${event.button.text}" | Action: ${event.action}`);
    console.log('Button click event:', event);
  }

  onCardClick() {
    console.log('Card clicked!');
  }

  // Card 1: Vertical With Actions
  verticalWithActions: ImageCardData = {
    variant: 'withActions',
  title: 'Gen AI 101 Learning Path',
  image: '/assets/card-1-v.svg',
  description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
  divider: {
    variant: 'solid',
    color: '#E5E7EB'
  },
  avatar: {
    url: 'https://images.unsplash.com/photo-1472099645785-5658abf4ff4e?ixlib=rb-1.2.1&ixid=eyJhcHB
    size: 'extra-small',
    text: 'Jhone Doe'
  },
  subText: {
    icon: {
      name: 'eye',
      size: 16,
      color: '#BBBEC5'
    },
    text: '440'
  },
  buttons: [
    {
      text: 'Button Text',
      action: 'start-learning',
      variant: 'secondary',
      size: 'md',
      width: '162px',
      height: '44px'
    },
    {
      text: 'Button Text',
      action: 'view-details',
      variant: 'primary',
      size: 'md',
      width: '162px',
      height: '44px'
    }
  ],
  layout: {
    orientation: 'vertical',
    imageGrid: 'top',
    infoGrid: 'bottom'
  }
};

// Card 2: Horizontal With Actions
horizontalWithActions: ImageCardData = {
  variant: 'withActions',
  title: 'Gen AI 101 Learning Path',
  image: '/assets/card-1-h.svg',
  description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
  divider: {
    variant: 'solid',
    color: '#E5E7EB'
  },
  avatar: {
    url: 'https://images.unsplash.com/photo-1472099645785-5658abf4ff4e?ixlib=rb-1.2.1&ixid=eyJhcHB
    size: 'extra-small',
    text: 'Jhone Doe'
  },
  subText: {
    icon: {
      name: 'eye',
      size: 16,
      color: '#BBBEC5'
    },
    text: '440'
  },
  buttons: [
    {
      text: 'Button Text',
      action: 'start-learning',
      variant: 'secondary',
      size: 'md',
      width: '139px',
      height: '44px'
    },
    {
      text: 'Button Text',
      action: 'view-details',
      variant: 'primary',
      size: 'md',
      width: '139px',
      height: '44px'
    }
  ],
  layout: {
    orientation: 'horizontal',
    imageGrid: 'left',
    infoGrid: 'right'
  }
};

// Card 3: Vertical Without Actions (Card 1)
verticalWithoutActions1: ImageCardData = {
  variant: 'withoutActions',
  title: 'Generate UI Design',
  image: '/assets/card-1-v.svg',
  description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
  tags: [
    {
      label: 'Tag',
      size: 'xs',
      color: 'primary',
      shape: 'square'
    }
  ],
  subDescription: {
    left: 'Text Casus Generibus(15)',
    right: '15th May, 18:00'
  },
  layout: {
    orientation: 'vertical',
    imageGrid: 'bottom',
    infoGrid: 'top'
  }
};

// Card 4: Horizontal Without Actions (Card 2)
horizontalWithoutActions2: ImageCardData = {
    variant: 'withoutActions',
    title: 'Generate UI Design',
    image: '/assets/card-1-h.svg',
    description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
    tags: [
      {
        label: 'Tag',
        size: 'xs',
        color: 'primary',
        shape: 'square'
      }
    ],
    subDescription: {
      left: 'Text Casus Generibus(15)',
      right: '15th May, 18:00'
    },
    layout: {
      orientation: 'horizontal',
      imageGrid: 'left',
      infoGrid: 'right'
    }
  };

  // Card 5: Vertical Without Actions (Card 3)
  verticalWithoutActions3: ImageCardData = {
    variant: 'withoutActions',
    title: 'Generate UI Design',
    image: '/assets/card-1-v.svg',
    description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
    tags: [
      {
        label: 'Tag',
        size: 'xs',
        color: 'primary',
        shape: 'square'
      }
    ],
    subDescription: {
      left: 'Text Casus Generibus(15)',
      right: '15th May, 18:00'
    },
    layout: {
      orientation: 'vertical',
      imageGrid: 'top',
      infoGrid: 'bottom'
    }
  };

  // Card 6: Horizontal Without Actions (Card 4)
  horizontalWithoutActions4: ImageCardData = {
    variant: 'withoutActions',
    title: 'Generate UI Design',
    image: '/assets/card-1-h.svg',
    description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vulputate, odio
    tags: [
      {
        label: 'Tag',
        size: 'xs',
        color: 'primary',
        shape: 'square'
      }
    ],
    subDescription: {
      left: 'Text Casus Generibus(15)',
      right: '15th May, 18:00'
    },
    layout: {
      orientation: 'horizontal',
      imageGrid: 'right',
      infoGrid: 'left'
    }
  };
```

Features

Modular Components

- Default Card (aava-default-card): Main card container with proper styling and accessibility
- Card Header (aava-card-header): Dedicated header component with semantic HTML
- Card Content (aava-card-content): Main content area component
- Card Footer (aava-card-footer): Footer section component
- Card Actions (aava-card-actions): Action buttons container component

Accessibility

- Semantic Structure : Proper ARIA roles and landmarks
- Keyboard Navigation : Full keyboard accessibility
- Screen Reader Support : Clear content structure for assistive technologies

Responsive Design

- Flexible Width : Adapts to container width
- Mobile Friendly : Optimized for all screen sizes
- Consistent Spacing : Maintains proper spacing across devices

API Reference

DefaultCardComponent

The main card container component that provides the base card structure.
Selector: aava-default-card

Property	Type	Default	Description
No inputs	-	-	Uses content projection for all content

Methods: None
Events: None

CardHeaderComponent

Header section component with semantic HTML structure and typography styling.
Selector: aava-card-header

Property	Type	Default	Description
No inputs	-	-	Uses content projection for header content

Methods: None
Events: None

CardContentComponent

Main content area component for displaying primary card content.
Selector: aava-card-content

Property	Type	Default	Description
No inputs	-	-	Uses content projection for main content

Methods: None
Events: None

CardFooterComponent

Footer section component for additional information or metadata.
Selector: aava-card-footer

Property	Type	Default	Description
No inputs	-	-	Uses content projection for footer content

Methods: None
Events: None

CardActionsComponent

Action buttons container component for user interactions.
Selector: aava-card-actions

Property	Type	Default	Description
No inputs	-	-	Uses content projection for action buttons

Methods: None
Events: None

CSS Custom Properties

The card components use the following CSS custom properties for styling:

Property	Description	Default Value
--card-default-border	Border color for the default card	Defined in theme
--tooltip-shadow	Box shadow for the card	Defined in theme
--card-heading1-font	Font family for h1 elements in header	Defined in theme
--card-heading1-font-weight	Font weight for h1 elements in header	Defined in theme

Component Styling

Default Card:
- Border radius: 24px
- Border: 1px solid with --card-default-border
- Background: Linear gradient from white to light gray
- Box shadow: Uses --tooltip-shadow
- Padding: 24px
- Width: 100%

Card Header:
- Uses semantic element with role="banner"
- Typography styling for h1 elements
- Custom font family and weight support

Card Content:
- Clean content area with no additional styling
- Uses content projection for flexible content

Card Footer:
- Clean footer area with no additional styling
- Uses content projection for flexible content

Card Actions:
- Clean actions area with no additional styling
- Uses content projection for flexible content

Best Practices

Design Guidelines

- Content Hierarchy : Use headers for titles, content for main information, and footers for actions or metadata
- Consistent Spacing : Maintain consistent padding and margins across all cards
- Visual Balance : Ensure content is well-distributed within the card
- Clear Boundaries : Use borders or shadows to clearly define card boundaries

Component Usage

- Always use aava-default-card as the main container
- Use dedicated subcomponents for each section (header, content, footer, actions)
- Maintain semantic structure with proper heading hierarchy
- Keep components focused on their specific responsibilities

Accessibility

- Semantic Structure : Use proper heading hierarchy within card headers
- Focus Management : Ensure logical tab order through card content
- Screen Reader Support : Provide descriptive content for assistive technologies
- Color Contrast : Maintain sufficient contrast for all text content

Performance

- Modular Design : Use only the components you need
- Change Detection : Leverage OnPush strategy for better performance
- Lazy Loading : Consider lazy loading for cards with heavy content
- Memory Management : Clean up event listeners and subscriptions